# British Columbia
# Major Projects Inventory

Date of Issue - March 31, 1988

This publication contains information on major projects which generate industrial benefits for the Province of British Columbia. They are listed by Development Region (commencing with the March 1988 issue), and by status of each project (i.e. proposed, under construction, construction on hold and completed). Capital expenditures are in current dollars unless otherwise stated (e.g. [$1983]). For purposes of the report "major" is defined as projects costing $20 million or more in Vancouver and $10 million or more elsewhere in the Province.

This publication should be used with discretion, for, although every effort is made to verify accuracy, the information is gathered from several sources and, especially in the early phases of a project, may be approximate. Where start and finish dates are indicated by a "?", the project is not sufficiently advanced to provide determinate dates.

For additional copies please contact:

Ministry of Economic Development
Information Services
750 Pacific Boulevard South
Vancouver, British Columbia
Canada, V6B 5E6
Phone: (604) 660-3928
Facsimile: (604) 660-2457

88-04248/

**Province of British Columbia**

## DEVELOPMENT REGIONS

1 VANCOUVER ISLAND/COAST
2 LOWER MAINLAND/SOUTHWEST
3 OKANAGAN
4 KOOTENAY
5 CARIBOO
6 NORTH COAST
7 NECHAKO
8 PEACE RIVER

| REGION | LOCATION | DESCRIPTION | ESTIMATED COST ($ MILLIONS) |
|---|---|---|---|
| 1. Vancouver Island/ Coast | near Nanaimo | Bridge, Province of British Columbia<br>Proposed toll bridge to link Vancouver Island with Gabriola Island and also provide the basis for a new ferry service to the Vancouver area. May involve private sector investment. Concept under study.<br><br>Status: Proposed Start 1988 Finish 1989-90 | 17-25 |
| " | near Chemainus | Lara Gold/Zinc/Copper Project, Abermin Corp.<br>Proposed underground mine, 15 km west of Chemainus to be developed as a 680 tonne per day project. Project would require a direct workforce of 75-85 which would be housed in the area of Chemainus, Ladysmith and Duncan. Project prospectus has been reviewed. Stage I report required.<br><br>Status: Proposed Start Spring 1989 Finish Spring 1990 | N/A |
| " | Victoria | Sewer System, Capital Regional District<br>Proposed "East Coast Interceptor" designed to divert sewage to the Clover Point outfall from a number of outfalls now in operation. Design and survey work ongoing.<br><br>Status: Proposed Start 1988 Finish 1990 | 11 |
| " | Victoria | Hotel Expansion, Laurel Point Inn<br>A 7 storey, 72 unit addition is planned. Construction to start in July for March 1989 completion. Has received Council approval.<br><br>Status: Proposed Start 1988 Finish 1989 | 14 |
| | Nanaimo | Woodroom Upgrade, MacMillan Bloedel Ltd.<br>Two head-rig facility to replace 25 year old sawmill in No. 3 Woodroom at Harmac complex. Capacity of 155 Mfbm per year. Will reduce employment by 70 positions to 255.<br><br>Status: Proposed Start 1988 Finish June 1989 | 54 |

| REGION | LOCATION | DESCRIPTION | ESTIMATED COST ($ MILLIONS) |
|---|---|---|---|
| 1. Vancouver Island/ Coast | S.W. of Campbell River | Quinsam Coal Mine, Brinco Coal Corp. Open pit mine to produce 1 million tonnes of thermal coal per year. Mine located 27 kilometers S.W. of Campbell River. Coal trucked to barge facility at Middle Pt. Stage III public hearing completed and Commissioners' findings released in 1984. Findings endorsed by Federal Government May 1985. Permitting ongoing, virtually completed for North pit complex. At full production, will create 229 new jobs; 200 person years in construction phase, on 570 hectares. Bulk sampling undertaken in 1985 and 1986 and 1987 (more than 20,000 tonnes). Phased development with initial markets to overseas as well as pulp mills and cement plants, in B.C. and U.S. northwest. In production using contractors but capital expenditures on hold pending market development. | 97.8 ($1983) |
| | Status: | Proposed | Start 1988 Finish 1993 |
| " | Victoria to Campbell River | Island Highway, B.C. Government Ministry of Transportation and Highways provided recommendations on route selection by June 30, 1987. The project is expected to be phased over 8-10 years and will include improvements to the existing system plus a Nanaimo bypass and a new link from Parksville to Campbell River. Work on Malahat section in 1987 is not not part of this project. | 450 |
| | Status: | Proposed | Start 1988 Finish ? |
| " | Campbell River | Hospital Expansion, Campbell River and District General Hospital Expansion of acute care area. Has received planning approval. | 11.2 |
| | Status: | Proposed | Start 1988 Finish 1990 |
| " | Nanaimo | Hospital Expansion, Nanaimo Regional General Hospital Replacement and expansion of acute care area. Has received planning approval. | 20 |
| | Status: | Proposed | Start ? Finish ? |
| " | Victoria | Hospital Expansion, Juan de Fuca Hospital Society New 150-bed Extended Care addition to Aberdeen hospital. | 11 |
| | Status: | Proposed | Start May 1988 Finish 1990 |

| REGION | LOCATION | DESCRIPTION | ESTIMATED COST ($ MILLIONS) |
|---|---|---|---|
| 1. Vancouver Island/ Coast | Powell River | Powell River General Hospital<br>Planned replacement of acute care facilities in a new 80-bed, 4 storey, 9,000 sq. metre structure. Architects: The Gardiner Thornton Partners, and Billington Poon Architects. Awaiting government approval to proceed.<br><br>Status: Proposed Start ?<br>Finish ? | 20 |
| " | Port Hardy | Island Copper Mine Expansion, Utah Mines Ltd.<br>Proposed expansion of the existing mine. If developed, will extend life of the mine three years to mid-1996. The project is being reviewed by the Vancouver Island Reclamation Advisory Committee.<br><br>Status: Under Construction Start ?<br>Finish ? | N/A |
| " | Esquimalt | Jetty, CFB Esquimalt, Department of National Defence<br>Construction of a jetty to replace "C" jetty, plus purchase of a new crane; demolition/dredging contract awarded to Fraser River Pile and Dredge Co. Ship repair unit ($40.4 million) and Jr. Rank accommodation ($6.8 million) also expected to start in 1988.<br><br>Status: Under Construction Start 1988<br>Finish early 1989 | 41.4 |
| " | Victoria | Hotel Renovation/Expansion, Canadian Pacific Hotels Corp.<br>Renovation and expansion of Empress Hotel, to be linked with the adjoining Conference Centre now under construction. Project involves addition of 50 rooms as well as major improvements. About 150 new direct jobs<br><br>Status: Under Construction Start 1988<br>Finish early 1989 | 32 |
| " | Victoria | Hotel Expansion and Renovation, Crest Harbourview Inn<br>140 room expansion of 6 and 8 storeys, plus new recreation facilities. Scheduled for completion in the spring of 1989.<br><br>Status: Under Construction Start 1988<br>Finish 1989 | 14 |
| " | Port Alberni | Sawmill and Bleach Plant, MacMillan Bloedel Ltd.<br>Project includes construction of a $32 million Hival plant for cedar specialties and a hydrogen peroxide bleaching plant for Alberni Pulp and Paper Division.<br><br>Status: Under Construction Start 1988<br>Finish 1989 | 52 |

| REGION | LOCATION | DESCRIPTION | ESTIMATED COST ($ MILLIONS) |
|---|---|---|---|
| 1. Vancouver Island/ Coast | Mill Bay | Retirement Village, Canadian Retirement Corp. Development of 676-home retirement village on 89 hectares. Will contain a 9-hole golf course and village centre. Phase I construction, which includes the golf course and services, commenced spring 1987. Contractor: Tidman Construction.<br><br>Status: Under construction Start 1987 Finish 1992 | 60-70 |
| " | Victoria | Pacific Point Developments, B.C. Place Ltd. (Crown Corp.) Urban development of multi-use site on 58 hectares on Songhees Lands opposite the downtown Victoria waterfront.Project is to include 2 hotels, marinas, shopping area, industrial locations and residential sites developed over 10 years. Initial development of condominiums to begin spring 1988. Site development underway.<br><br>Status: Under construction Start 1987 Finish 1997 | 420 |
| " | Crofton | Pulp Mill Upgrade, B.C. Forest Products Ltd. Modernization project at the Crofton complex to increase pulp capacity, improve quality and pollution control. Project cost includes $32 million TMP mill expansion to be completed mid-1988.<br><br>Status: Under construction Start 1987 Finish 1991 | 270 |
| " | Elk Falls | Newsprint Mill Expansion, Crown Forest Industries Ltd. Construction of a seventh TMP line to provide more pulp for manufacturing newsprint. Output will increase by 50,000 tonnes per year.<br><br>Status: Under construction Start April 1987 Finish April 1988 | 25 |
| " | Victoria | Downtown Redevelopment, Cadillac Fairview Shopping Centres Ltd. Major project of 430,000 sq. ft. retail and restaurant space covering two city blocks. It will provide 300-500 person-years of construction employment and 290 net new permanent jobs on-site. Architect: IBI Group and Waisman Dewar Grout Carter. Phase I completion expected February-March 1989. Construction Manager: Hobbs Project Management Ltd. General Contractor: Cana Construction Co. Ltd.<br><br>Status: Under construction Start 1987 Finish 1989-90 | 75-100 |

| REGION | LOCATION | DESCRIPTION | ESTIMATED COST ($ MILLIONS) |
|---|---|---|---|
| 1. Vancouver Island/ Coast | French Creek | Residential/Golf Project, Zorkin Investments Corp. Development of championship 18-hole golf course is ongoing on 152 hectare site midway between Parksville and Qualicum Beach. Lot development to start Spring 1987; a total of 500 single family units, 150 condominium units and 150 apartments is projected. Construction will be phased according to demand.<br><br>Status: Under construction Start 1987 Finish ? | 48 |
| " | Victoria | Convention Centre, City of Victoria New convention centre adjacent to the Empress Hotel. Facility will have 1,500 seat capacity and parking for 300 vehicles. Architect: Bawlf Cooper Associates and Marshall Goldsworthy Associates.<br><br>Status: Under construction Start 1987 Finish 1988 | 18.2 |
| " | Victoria | Victoria International Airport Radar Preliminary work began summer 1986 on radar systems for 6 airports, including Victoria which is the first scheduled for completion. Road access construction completed. Lea Associates of Vancouver has been awarded a $1.2 million contract for engineering and design work at all 6 sites.<br><br>Status: Under construction Start 1986 Finish 1989 | 17.5 |
| " | Gold River | Newsprint Mill, CIP Inc. (Gold River Newsprint Ltd.) Construction of a newsprint mill next to the company's kraft pulp mill, CTMP unit to supply required mechanical pulp for newsprint, and a new warehouse. 130 new direct jobs. Engineers: H.A. Simons Ltd.<br><br>Status: Under construction Start 1987 Finish Oct 1989 | 320 |
| " | Nanaimo | Veneer Plant, Coastland Wood Industries Ltd. New veneer plant to replace imports as well as provide exports correctly sized for Japanese requirements. Plant will use smaller, second growth timber purchased on the open market. Will create 60 full-time jobs in production and additional logging employment.<br><br>Status: Completed Start 1987 Finish 1988 | 15.6 |

| REGION | LOCATION | DESCRIPTION | ESTIMATED COST ($ MILLIONS) |
|---|---|---|---|
| 1. Vancouver Island/ Coast | near Campbell River | Mine Expansion, Westmin Resources<br>Company is expanding its Myra Falls base metals complex. Milling rate now raised one-third in stages to 4,400 tons per day. Underground expansion is continuing.<br>Status: Completed Start 1987 Finish 1988 | 24 |
| 2. Lower Mainland/ Southwest | near Lillooet | Rail Tunnel, B.C. Rail<br>A 1,200 metre tunnel is to be built at Shalalth bluff to avoid a dangerous slide area. Negotiations on right-of-way must be concluded with land owners before work commences. Geological Consultant: Hardy BBT Ltd.<br>Status: Proposed Start 1988 Finish 1989 | 20 |
| " | Vancouver | Hospital Expansion, St. Paul's Hospital<br>Project to go to tender in May. Phase 2-10 storey tower to rise over parkade ($4.5 million) due for completion in May. Architect: The Unecon Partnership.<br>Status: Proposed Start June 1988 Finish 1989 | 60 |
| " | Langdale | Sawmill, Terminal Forest Products Ltd.<br>Proposed new mill on property now used for log sorting. Will create 50-75 jobs and increase production by about 100 million bd. ft. per year. Mitchell Island in Richmond is alternate site.<br>Status: Proposed Start 1988 Finish 1989 | 20 |
| " | Bralorne | Gold Mine, Golden North/Mascot Gold Mines<br>Proposed reactivation of former Bralorne mine at 300-500 tons per day. Feasibility study proposed for summer 1988. Not yet in review process.<br>Status: Proposed Start 1988 Finish early 1989 | 10-15 |

| REGION | LOCATION | DESCRIPTION | ESTIMATED COST ($ MILLIONS) |
|---|---|---|---|
| 2. Lower Mainland/ Southwest | Gold Bridge | Congress Gold Project, Levon Resources Ltd./Veronex Resources Ltd.<br>Proposed underground gold mine, located 5 km west of Gold Bridge. Planned production rate is 250 tons per day, which would give a mine life of 8 years based on current reserves. A combination of campsite/housing expansion at Gold Bridge is planned to accomodate the operations workforce of 80. Project prospectus under review; stage I report to be requested.<br>Status: Proposed Start 1988 Finish 1989 | N/A |
| " | Whistler | Lift and Accommodation Expansion, Whistler Mountain Ski Corporation<br>Phased development over 5 years to increase lift capacity from the current 10,200 to 34,000 skiers per day. Phased accommodation development covering 3,000 bed units to be coordinated with lift work.<br>Status: Proposed Start 1988 Finish 1992 | 35 |
| " | North Vancouver | Seymour Crossing Shopping Centre, Intrawest Properties Ltd.<br>150,000 sq. ft. centre to be built on Indian Reserve land at the north end of the Second Narrows bridge.<br>Status: Proposed Start 1988 Finish 1988 | 25 |
| " | Vancouver | Cassiar Connector, Province of B.C.<br>Agreement with Vancouver City achieved although final design details and cost sharing subject to negotiation. Project will eliminate Hastings-Cassiar crossing and complete Trans-Canada Highway. Excavation could start in the fall of 1988.<br>Status: Proposed Start 1988 Finish 1990 | 70-90 |
| " | Vancouver | Office/Hotel/Residential Tower, Integrated Building Corp. Ltd.<br>Project, located on the 1300 block W. Georgia, has received approval in principle from Vancouver's development permit board. Design by Arthur Erickson Architects.<br>Status: Proposed Start 1988 Finish 1989 | 50-75 |

| REGION | LOCATION | DESCRIPTION | ESTIMATED COST ($ MILLIONS) |
|---|---|---|---|
| 2. Lower Mainland/ Southwest | Burnaby | Commercial Development, Tramell Crow. Co. Redevelopment of the Dominion Bridge site to include a business park, hotel and facilities complementary to the adjacent B.C. Film Centre.<br>Status: Proposed Start ? Finish ? | 100 |
| " | Abbotsford | Hospital Expansion, Matsqui-Sumas Abbotsford General Hospital. 80-bed acute care expansion plus diagnostic and treatment areas. Planning approved.<br>Status: Proposed Start ? Finish ? | 12 |
| " | Vancouver | Condominium - Marina/Retail Complex, 1000 Beach Avenue Development Ltd. Project would link West End to future B.C. Place development. Phase I is a 5 storey condominium wing and an 8 storey tower. Phase II is a 36 storey tower and two 10-12 storey units. Architect: Peter Wardle. Architects. Contractor: Kerkhoff Construction.<br>Status: Proposed Phase I Start spring 1988 Finish 1988 | 30 |
| " | Vancouver | Hotel, Allied Holdings Ltd. Plans in preparation for 30 storey, 600 unit hotel in 500 block West Hastings Street. Company has a demolition permit for TD Bank building but is examining possible uses for the building.<br>Status: Proposed Start 1988 Finish ? | 42 |
| " | Surrey | Justice Centre, B.C. Buildings Corporation Surrey Council has approved 50 year lease of land adjacent to municipal hall but legal action by nearby residents opposes development. $26 million maximum security pre-trial unit for 140, courthouse and new police office.<br>Status: Proposed Start 1988 Finish 1990/91 | 50 |

| REGION | LOCATION | DESCRIPTION | ESTIMATED COST ($ MILLIONS) |
|---|---|---|---|
| 2. Lower Mainland/ Southwest | Port Mellon | Pulpmill Expansion and Newsprint, Howe Sound Pulp & Paper Co. Ltd. New jointly-owned company of Canfor Corp. and Oji Paper Co. Ltd. of Japan to expand pulp production at Port Mellon to 1,000 tonnes per day and add a 535 tpd newsprint operation. A peak of 450 construction jobs but no new direct employment. Requires government approvals and resolution of energy and chip supply issues.<br><br>Status: Proposed Start 1988<br>Finish (pulp) 1990<br>(newsprint) 1991 | 635 |
| " | Harrison Hot Springs | Resort Development, Itoman & Co. Ltd. Purchase of the Harrison Hot Springs Hotel by this large Japanese trading company is expected to be followed by a major undertaking to upgrade the hotel and spa, build retirement apartments and add an 18 hole golf course. 150 new permanent jobs and 400-500,000 person days of construction over 5 years.<br><br>Status: Proposed Start 1989<br>Finish 1993 | 40 |
| " | Surrey | College Campus, Kwantlen College Downs/Archambault and Partners have been awarded design contract for campus at 126th and 72nd Avenue in Surrey. First phase will be 17,000 sq. metres.<br><br>Status: Proposed Start 1988<br>Finish mid 1989 | 20 |
| " | Vancouver | Office Tower, Adams Properties Group Ltd. A development permit is sought for a 2 phase retail office project adjoining the Bay department store (Granville, Dunsmuir, Seymour block). Phase I would have 150,000 sq. ft. of retail and office on 5 levels. Phase II calls for a 300,000 sq. ft. office tower of 28 stories.<br><br>Status: Proposed Start ?<br>Finish ? | 80 |

| REGION | LOCATION | DESCRIPTION | ESTIMATED COST ($ MILLIONS) |
|---|---|---|---|
| 2. Lower Mainland/ Southwest | UBC | KAON Factory, TRIUMF<br>Canada's national meson facility has requested funds to construct a new accelerator complex encircling the present laboratory. This would allow TRIUMF to expand its role as one of the three meson factories in the world to become a KAON factory. About 2,450 person years will be required in design, construction and commissioning of the facility with an additional 3,065 person years in service to firms involved in direct construction work. The construction phase would last 5-6 years.<br><br>Status: Proposed Start ?<br>Finish ? | 400 |
| " | Surrey | Panorama Shopping Centre, Cambridge Shopping Centres Ltd.<br>A 35 hectare parcel at Highway 10 and 152 Street in Surrey proposed for a regional shopping centre surrounded by office-residential development. Initial 85,000 sq. metre shopping centre to include 2 major stores and 125 smaller outlets. Construction of housing units and commercial space to follow over 10-15 years could raise total investment to $200 million. Architect - Aitken Smith Carter Partners, North Vancouver. Development applicaton for Phase I has been submitted to the municipality.<br><br>Status: Proposed Start 1988<br>Finish 1989 | 65 |
| " | Vancouver | Waterfront Centre Office/Hotel Complex, Marathon Realty Co.<br>Marathon had been given approval for an office development on the Vancouver waterfront across from Canada Place, but decided to add a hotel component due to oversupply in the office market. The project, with a 21 story office tower and a 22 story hotel, could start in early 1988. Architect: Musson Catell MacKay Partnership.<br><br>Status: Proposed Start 1988<br>Finish 1990 | 200 |
| " | Britannia Beach | Coated Paper Mill, Makin Pulp and Paper Co. Ltd.<br>Integrated coated paper mill utilizing spruce/aspen CTMP. Company has been offered aspen fibre supply in Peace River, where it proposes to build satellite chipping plant employing 15 persons. Employment at Britannia Beach to be 370 persons.<br><br>Status: Proposed Start 1988-89<br>Finish 1990-91 | 300+ |

| REGION | LOCATION | DESCRIPTION | ESTIMATED COST ($ MILLIONS) |
|---|---|---|---|
| 2. Lower Mainland/ Southwest | Vancouver | Vancouver Island Natural Gas Pipeline, Pacific Coast Energy Corp. B.C. Government has chosen PCEC proposal from 5 proponents. Line would go from Ioco to Squamish then to the Sunshine Coast and Texada Island before crossing to Courtenay then north to Campbell River and south to Victoria. Requires Energy Project Application, approval, and federal financial support. 18 months construction providing 550-600 person-years of work.<br><br>Status: Proposed Start 1988 Finish late 1989 | 250 |
| " | Vancouver | Vancouver General Hospital Extension<br>Working drawings for the shell of a 17 story tower at Vancouver General Hospital completed. Planning approval has been given by Ministry of Health.<br><br>Status: Proposed Start ? Finish ? | 110 |
| " | Burnaby | Metrotown Place Centre Phase II, Cal Investments<br>Phase I containing Woodwards, Sears and 150 smaller stores opened September 25/86. Phase II, a new Bay store and 100 smaller outlets (230,000 sq. metres) was scheduled for 1989 completion. Burnaby Council moratorium on expansion until February 1989 was lifted then re-imposed. Supreme Court of B.C. quashed the moratorium in April 1987. Architects: Waisman Dewar Grout Carter.<br><br>Status: Proposed Start 1988 Finish 1989 | 80-100 |
| " | New Westminster | Royal Columbian Hospital<br>Acute care bed replacement and expansion. Planning approval received.<br><br>Status: Proposed Start ? Finish ? | 43.3 |
| " | Delta | Parallam Plant, MacMillan Bloedel Ltd.<br>Annacis Island pilot plant will be expanded starting late 1987 or early 1988 for August 1988 completion. The company will also build a plant in the southern USA to produce this reconstituted lumber product. Total investment will be $97 million.<br><br>Status: Under Construction Start 1987-88 Finish 1988 | N/A |

| REGION | LOCATION | DESCRIPTION | ESTIMATED COST ($ MILLIONS) |
|---|---|---|---|
| 2. Lower Mainland/ Southwest | Burnaby | Women's Correctional Centre, B.C. Buildings Corp. Site preparation and flood proofing underway for 140 bed facility in the Big Bend area. Main building to start late 1988. Architects: Thompson Berwich Pratt & Partners.<br><br>Status: Under Construction Start 1988 Finish 1990/91 | 24 |
| " | Delta | CAPTIN Wheel Plant Expansion, Toyota Motor Corp. The original plant opened in 1985. The new facility will be able to produce over 40,000 wheels per month. Will create about 30 new jobs. Contractor: Smith Bros. & Wilson. Building started in February for October 1988 completion.<br><br>Status: Under Construction Start 1988 Finish 1989 | 26 |
| " | Vancouver | Mega Supermarket, Westfair Foods Ltd. Vancouver City's first megastore on Marine Drive in South Vancouver. Retail centre of 9,000 sq. m. to be joined to a 27,300 sq. m. wholesale distribution centre and 4,000 sq. m. food processing and packaging facility. Architects: Aitken Smith Carter Partners. Contractor: Carlson Construction Co.<br><br>Status: Under Construction Start 1988 Finish 1988/89 | 27 |
| " | Whistler | Chateau Whistler Resort, CP Hotels Corp. Part of the Blackcomb Benchlands Development. Phase I will be a 250,000 sq. ft. 400 unit project and include an 18 hole golf course. A subsequent 75,000 sq. ft. 200 unit expansion is projected. Will create 320 full-time jobs. Contractor: Graehold Construction. Site clearing, excavation and foundation work underway.<br><br>Status: Under Construction Start 1987 Finish late 1989 | 50 |
| " | North Vancouver | Movie Studios, Cannell Films of Canada Ltd. North Shore Studios, a seven stage sound complex ($15 million) to be built on part of the Park and Tilford property, with completion anticipated February 1989. $25 million shopping centre to be built on balance of the site with completion expected in the fall 1988 (working drawings underway)<br><br>Status: Under Construction Start 1988 Finish 1989 | 40 |

| REGION | LOCATION | DESCRIPTION | ESTIMATED COST ($ MILLIONS) |
|---|---|---|---|
| 2. Lower Mainland/ Southwest | Richmond | Bridgepoint Market, Park Georgia Realty<br>Project incorporates a marina, public market and restaurant in first phase ($15 million). Phases II and III would include a recreation complex, market expansion and hotel. Architect: Vladimir Plavsic Group. Site is on south shore of Fraser River near Oak Street bridge.<br><br>Status: Under Construction Start 1988<br>Finish ? | 35 |
| " | Whistler | Blackcomb Benchlands Development, Intrawest Properties Ltd.<br>After purchasing a 50% interest in Blackcomb Mountain resort, the company announced plans to begin 15 year residential-hotel construction in 1987 on 1,102 hectares adjacent to Whistler Town Centre. Initial $80 million, 12 hectare first phase has begun. New lifts valued at $15 million and $5 million worth of on-mountain development completed mid-November 1987.<br><br>Status: Under construction Start 1987<br>Finish 2002 | 300 |
| " | Lions Bay-Squamish | Squamish Highway Upgrading, Province of B.C.<br>Major upgrading project being phased over 12 years. Project includes construction of debris basins on creeks subject to flash flooding, new bridges and four-laning.<br><br>Status: Under construction Start 1983<br>Finish 1995 | 137 |
| " | Vancouver | City Square, Pan Pacific Development Corp.<br>Retail-office project near Vancouver's City Hall features a 2-level mall below 5 floors of offices. Architect: Paul Merrick Architects Ltd. Contractor: PCL Construction Western Inc. Adjacent residential development of 160 units (Aden Ent. Inc.) is separate project.<br><br>Status: Under Construction Start 1987<br>Finish 1988-89 | 52 |
| " | Vancouver | Rail Maintenance Centre, Via Rail<br>New centre to service Via's passenger trains. Will employ 135 on completion, up 35 from present staff. Project manager: Phillips Barratt Kaiser Engineering Ltd. Building costs are $15 million.<br><br>Status: Under Construction Start 1987<br>Finish 1988 | 22 |

| REGION | LOCATION | DESCRIPTION | ESTIMATED COST ($ MILLIONS) |
|---|---|---|---|
| 2. Lower Mainland/ Southwest | Maple Ridge | Fraser Regional Correctional Centre, B.C. Buildings Corp. New correctional facility for 154 men to replace Oakalla. Architect: Phillips Barratt Kaiser Engineering. Phase I contract for roads, waterworks and site grading; ($1.2 million) awarded to C. Victor Koran Ltd. Main building construction low bidder was Farmer Construction Ltd.<br><br>Status: Under Construction Start 1987 Finish 1990/91 | 38 |
| " | Burnaby | Applied Sciences Building, Simon Fraser University 3-storey, 100,000 sq. ft. building. Architect: Waisman Dewar Grant Carter. Contractor: Onyx Construction Ltd.<br><br>Status: Under construction Start 1987 Finish July 1989 | 17 |
| " | Vancouver | Pacific Centre Mall Expansion, Cadillac Fairview Corp. A retail-office complex in the block bounded by Granville, Dunsmuir, Howe and Pender Streets. It will contain a 3 level shopping mall of 85 - 100 outlets and a 21 storey office tower. Phase I (Mall - $20 million) Contractor: Dillingham Construction Ltd. Architects: Zeidler Roberts Partnership and Musson Catell MacKay Partnership.<br><br>Status: Under construction Start 1987 Finish early 1989 (phase I) | 100 |
| " | New Westminster | Fraserview Park, Fraserview Development Corp. Development of B.C. Penitentiary site as a retirement village. 840 units of townhouses, garden apartments and highrises to be completed over 5-7 years. Architect: Barclay McLeod Architects.<br><br>Status: Under construction Start 1987 Finish 1992-94 | 95 |
| " | Surrey | ALRT SkyTrain Surrey Extension, British Columbia Transit Construction of Fraser River crossing started September 1986 for late 1988 completion (cost $28 million). Bridge contractor: Kerkhoff Construction Group and Hyundai Joint Ventures. Contract for 4th street station and 530 metres of guideway awarded to Foundation Co. of Canada Ltd. ($10.7 million); work started in February 1987 for December 1988 completion. Balance of 3.1 kilometres link to Scott Road is scheduled for 1989 completion.<br><br>Status: Under construction Start 1986 Finish late 1989 | 179 |

| REGION | LOCATION | DESCRIPTION | ESTIMATED COST ($ MILLIONS) |
|---|---|---|---|
| 2. Lower Mainland/ Southwest | North Vancouver | Chemical Plant Expansion, ERCO Industries Ltd. (Tenneco Canada Inc.) 2-stage plant expansion that will increase sodium chlorate production capacity to 76,000 tonnes per year from 54,000 tonnes.<br><br>Status: Under construction Start 1987 Finish 1988 | 40-45 |
| " | Burnaby | Station Square Shopping Centre, Wesbild Enterprises Ltd. Third major shopping centre development in the metrotown area. To include Save-On-Foods mega-store, smaller retail units, cinemas, health club, 100 unit hotel and 300 unit apartments. Foundation work began late July. Architect: Urban Design Group. Contractor: Amako Construction Ltd.<br><br>Status: Under Construction Start early 1987 Finish Summer 1988 | 100 |
| " | Burnaby | Galleria Metrotown Shopping Centre, Cambridge Shopping Centres Ltd. Initial phase involves a total of 656,000 sq. ft. of retail space (Eaton's and 200 smaller stores) plus 28,613 sq. metre 27 storey office tower in the Metrotown area in Burnaby. Office tower started March 1988 for October 1989 completion. Two other towers may follow.<br><br>Status: Under construction Start 1986 Finish October 1989 | 180 |
| " | Chilliwack | Chilliwack General Hospital Redevelopment of acute care facilities. In addition to new beds the project will provide am ambulatory care unit, surgical day care unit and expansion of various service facilities. Architects; Thompson Berwick Pratt and Partners, Vancouver. General contractor: Smith Bros. & Wilson Ltd.<br><br>Status: Under construction Start early 1986 Finish May 1988 | 27 |
| " | New Westminster | Westminster Quay, First Capital City Development Co. A major redevelopment program of the New Westminster waterfront includes a public market complex, hotel, office buildings and residential areas. The project was delayed in 1982, was modified and reactivated in mid-1985. Site now contains housing units and a public market. Work began on a $50 million hotel-office complex First Capital Place, in April 1987.<br><br>Status: Under construction Start 1985 Finish ? | 130 |

| REGION | LOCATION | DESCRIPTION | ESTIMATED COST ($ MILLIONS) |
|---|---|---|---|
| 2. Lower Mainland/ Southwest | False Creek | B.C. Place, B.C. Place Ltd. (Crown Corporation) Urban redevelopment of north shore of False Creek in Vancouver including a covered stadium (completed). Development of that part of the site used for Expo 86 is on hold pending receipt of proposals. Ultimate investment which includes private development of residential and commercial buildings is expected to be $2,400 million. 40,000 person years in construction phase, on 81 hectares. Status: Under construction Start 1981 Finish 1999 | 2,400 |
| " | Fraser River | Annacis Crossing System, B.C. Government Road system and bridge crossing the Fraser River. Major portion operational September 22, 1986; balance of the project (Richmond East-West Freeway) to be completed September 1988. 1,500 person years in construction phase. Status: Completed Phase I Start 1984 Finish 1986 Under construction Phase II Start 1986 Finish 1988 | 485 (revised) |
| " | Langley | Langley Memorial Hospital Project includes an addition for 40 acute care beds and expansion of services base. Architects: Gardiner Thornton Partnership, Vancouver. Status: Under Construction Start March 1986 Finish July 1988 | 17.8 |
| " | White Rock | Peace Arch District Hospital Project involves a new 150 bed extended care unit which will replace existing 44 bed unit, plus expansion of dietary and mechanical departments. Construction will provide 73 person-years of work; permanent jobs will total 90. General contractor is Kerkhoff Construction Group Ltd. Status: Completed Start early 1986 Finish March 1988 | 11 |
| " | Whistler | Hotel Expansion, Delta Mountain Inn Addition to include 126 rooms, commercial wing, tennis courts. Construction commenced early June for January 1988 completion. Construction management by Donovan Management ltd. Status: Completed Start 1987 Finish 1988 | 14 |

| REGION | LOCATION | DESCRIPTION | ESTIMATED COST ($ MILLIONS) |
|---|---|---|---|
| 2. Lower Mainland/ Southwest | Burnaby | Refuse Incinerator<br>GVRD is building a 210,000 tonnes per year refuse incineration plant in Burnaby. Steam will be produced for sale to the adjacent Belkin paperboard plant. Main construction contract awarded to GKN Birwelco Ltd.<br><br>Status: Completed Start 1985 Finish 1988 | 68 |
| 3. Okanagan | near Vernon | Lumby Gold Project, Quinto Mining Corporation<br>Proposal to reactivate the old Chaput Silver mine north of the Village of Lumby, 26 km east of Vernon. The mill rate is estimated to reach 250 tons per day. The open pit portion of the mine would have a 2 year life while the underground portion could provide an additional 5 years of production. At peak production, workforce requirements will approximate 58. The workforce will be housed in Lumby and Vernon. Project prospectus has been reviewed. Stage I report required. Some pilot production contemplated.<br><br>Status: Proposed Start late 1987 (pilot) Finish ? | N/A |
| " | Kelowna | Gas Turbine Generator, West Kootenay Power and Light Company Ltd.<br>As part of a $105 million 5-year capital improvements budget, the Co. has filed an application for a 140 MW natural gas turbine facility to provide additional back-up and peaking generation capability. Application referred to BCUC for review and hearing.<br><br>Status: Proposed Start 1988 Finish fall 1989 | 33 |
| " | Kelowna | Hospital Improvements, Kelowna General Hospital<br>Phase I redevelopment. Has received planning approval from the Ministry of Health. Tenders due December 17.<br><br>Status: Proposed Start 1988 Finish ? | 13.2 |
| " | northeast of Kamloops | Samatosum Mine, Rea Gold Corp. and Minnova Inc.<br>Proposed mine of 400-500 tpd, initially open pit but then shifting to underground operation. Deposit contains gold, silver, copper, lead and zinc. Prospectus filed November 1987; stage I report now requested.<br><br>Status: Proposed Start 1988 Finish 1989 | 20 |

| REGION | LOCATION | DESCRIPTION | ESTIMATED COST ($ MILLIONS) |
|---|---|---|---|
| 3. Okanagan | Highland | Mine Expansion, Highland Valley Copper<br>Planned development to link Highmont mine and mill with the HVC partnership. Will involve moving the Highmont mill 7.5 km to Lornex site. Project would raise combined daily milling rate to 131,000 tonnes after the Bethlehem mill is phased out.<br><br>Status: Proposed Start 1988<br>Finish May 1989 | 70 |
| " | southeast of Revelstoke | Windflower Gold Project, Granges Exploration Ltd. and Windflower Mining Ltd.<br>Proposed underground gold project located 45 km southeast of Revelstoke. Planned mine and mill production rates are 200-300 tonnes per day which would give a mine life of 2-3 years based on current reserves. The project will require an operations workforce of 35-40, to be housed both on-site and in neighbouring communities. Project prospectus under review. Pilot production contemplated.<br><br>Status: Proposed Start Fall 1988<br>Finish Spring 1989 | n/a |
| " | Kamloops | Afton Mine Expansion, Ajax Project, Afton Operating Corporation (Teck).<br>Proposal to develop the Ajax copper deposit to provide 7 additional years of operations at the Afton mine near Kamloops. The underground deposit will be developed as a 11,000 short ton per day project. The present Afton workforce will be maintained with a probable slight increase to 200 full-time employees. Letter of intent under review.<br><br>Status: Proposed Start July 1988<br>Finish January 1989 | 11 |
| " | Edmonton - Vancouver | Pipeline Expansion, Trans Mountain Pipeline Co. Ltd.<br>Company has applied to NEB for approval of 2 phase expansion involving new storage facilities in Burnaby plus new and upgraded pumping stations in TNRD and at Sumas. Phase I would cost $60 million. Phase 2 would involve re-activation of idle pipe loops (one near Kamloops) and could provide for movement of MBTE; it would not proceed until required. (Project also would impact on Lower Mainland/Southwest Region).<br><br>Status: Proposed Phase I Start April 1988<br>Finish 1989 | 90 |

| REGION | LOCATION | DESCRIPTION | ESTIMATED COST ($ MILLIONS) |
|---|---|---|---|
| 3. Okanagan | Between Revelstoke & Golden | Rogers Pass Project, C.P. Rail<br>Main components of this grade reduction project are the construction of 33 km of new track and 16.5 km of tunnels through Rogers Pass in the Selkirk Mountains. Construction from east portal of tunnel undertaken by Selkirk Tunnel Constructors of Golden; construction from the west portal by Manning-Kumagai. Breakthrough of the two sides achieved in October 1986. 2,340 person years in construction phase.<br>Status: Under construction Start 1982 Finish 1988 | 600 |
| " | Armstrong | Sawmill Upgrading, Crown Forest Industries Ltd.<br>Project, to increase recovery and manufacture higher-value products, involves conversion of existing stud mill. Direct employment will decline from 140 to 105 upon completion.<br>Status: Under Construction Start 1987 Finish late 1988 - early 1989 | 14.5 |
| " | north of Kamloops | Highway upgrading, Province of B.C.<br>Three-year federal-provincial highway upgrading agreement ($100 million for 4 western provinces). Projects include $10.2 million for section north of Kamloops and $25.8 million for sections of Highway 16 near Prince Rupert, Hazelton, and Houston (in regions 6 and 7).<br>Status: Under construction Start 1987 Finish 1989-90 | 36 |
| " | Vancouver-Jasper | Lightguide Link, B.C. Telephone Co.<br>Fibre optics cable communications system covering 776 kilometres, to complete Telecom Canada's coast-to-coast Lightguide Transmission System. 250+ construction jobs (also crosses Regions 2 and 5).<br>Status: Under construction Start 1988 Finish 1989 | 104 |
| " | Kamloops | Correctional Centre, B.C. Buildings Corporation<br>New prison facility to replace existing Kamloops Regional Correctional Centre. 2 stories, 140,000 sq. ft. Architects: joint venture comprising Carlberg Jackson Partners, Allen Higgins Thornburn Architects, and Meiklejohn Architects. Phase 2 contract ($21 million) awarded to PCL Construction Western Inc.<br>Status: Under construction Start 1986 Finish 1988 | 35 |

| REGION | LOCATION | DESCRIPTION | ESTIMATED COST ($ MILLIONS) |
|---|---|---|---|
| 3. Okanagan | Edmonton-Vancouver | Railway Expansion Projects, CN Rail<br>Many projects designed to upgrade rail facilities from Edmonton to Vancouver including double tracking and yard and signal improvements. (Project extends through parts of Regions 1 and 5.) 3,400 person years in construction phase. Double tracking work currently on hold due to slower growth in bulk traffic than forecast.<br><br>Status: Under construction Start 1981<br>Finish 1990 | 1,500 (1982) |
| " | Hope-Kamloops | Coquihalla Highway and Okanagan Connector, Province of British Columbia<br>3 phases and ancillary work. Highway link from Hope to Merritt ($415 million) completed May 1986. Work on Phase II from Merritt to Kamloops ($155 million) began late 1985 for September 1987 completion. Initial work on a link to Peachland (Phase III) began mid-1986 ($225 million maximum).<br><br>Status: Under construction Phase III Start 1986<br>Finish September 1990 | 795 (revised) |
| " | near Mica Dam | Drainage tunnels, B.C. Hydro and Power Authority<br>An underground drainage system at Dutchman's Ridge, 1.5 km upstream from the Mica Dam; one km tunnel will connect with 13,000 m of drainage holes to relieve groundwater pressure. Will provide employment for up to 70 people over approximately 18 months. Initial drilling contract awarded to Can-West Drilling Inc., Prince George.<br><br>Status: Completed Start Summer 1986<br>Finish early 1988. | 15 |
| " | Kamloops | Petroleum Terminal, Esso Petroleum Canada<br>Work is underway on a petroleum products distribution terminal which will receive finished products via pipeline from Edmonton for local distribution. Project Management: UMA Engineering Ltd., Calgary. Construction to take 18 months. 36 jobs on completion.<br><br>Status: Completed Start 1986<br>Finish early 1988 | 13 |

| REGION | LOCATION | DESCRIPTION | ESTIMATED COST ($ MILLIONS) |
|---|---|---|---|
| 4. Kootenay | near Sparwood | Line Creek Coal Expansion, Crows Nest Resources Ltd./Shell Canada Ltd.<br>Expansion of existing open pit mine to 3 million tonnes per year. Phase II submission has been approved. Permitting completed. Construction not planned until sales secured. Present production less than 2 million tonnes per year. Will create 160 new jobs.<br><br>Status: Proposed (on hold) Start ?<br>Finish ? | 60 |
| " | S.E. of Fernie | Flathead Carbon Dioxide Project, Shell Canada Resources<br>Wells, collection system, processing plant and delivery pipeline for carbon dioxide. Exploration drilling undertaken. Could create 300 new jobs, 2,000 person years in construction phase, on 450 hectares.<br><br>Status: Proposed (on hold) Start ?<br>Finish ? | 600 ($1983) |
| " | near New Denver | Willa Gold Project, Northair Mines Ltd.<br>Proposed underground gold project 50 km north of Nelson. The mine will be developed as a 360-540 tonnes per day project yielding an estimated mine life of 3.5 years. The workforce of 50-60 will reside in Silverton, New Denver and Slocan City. Project prospectus reviewed, Stage I report requested.<br><br>Status: Proposed Start 1988<br>Finish 1989 | N/A |
| " | near Trail | Transmission Line, B.C. Hydro<br>Agreement in principle reached in April 1987 to link B.C. Hydro's Selkirk substation near Trail and Washington Water Power Company at Spokane with a 230 kV line. Total cost of the line will be about $100 million. Preliminary environmental and engineering studies underway. The link could set the stage for a coal-fired power plant in the East Kootenay.<br><br>Status: Proposed Start 1993<br>Finish 1995 | 10 (U.S.) |
| " | Castlegar and Trail | Keenleyside-Murphy Creek-Selkirk Transmission Line<br>B.C. Hydro<br>230 kV transmission line linking Murphy Creek and Keenleyside with Selkirk Substation 10 km east of Trail. Project is dependent on construction of Murphy Creek generation project.<br><br>Status: Proposed Start ?<br>Finish ? | 11.5 ($1983) |

| REGION | LOCATION | DESCRIPTION | ESTIMATED COST ($ MILLIONS) |
|---|---|---|---|
| 4. Kootenay | Castlegar and Trail | Keenleyside-Murphy Creek Hydro Project, B.C. Hydro Hydro electric development. Retrofit of Keenleyside Dam with 3-60 MW turbines, building Murphy Creek Dam and installing 5-55 MW turbines. Draft application for Energy Project certificate has been prepared. Final application subject to further review by B.C. Hydro prior to submission. Will create 24 new jobs. 5,500 person years in construction phase.<br><br>Status: Proposed Start ?<br>Finish ? | 958 ($1984) |
| " | East Kootenay | Hazardous Waste Disposal, Special Waste Services Inc. Special Waste Advisory Committee has selected Burnaby -based consortium to build a disposal facility. Competing sites in Peace and Cariboo Regions will also be evaluated.<br><br>Status: Proposed Start 1988<br>Finish late 1989 | 15-20 |
| " | Elk Valley | Thermal Power Plants, Fording Coal/Westar Mining Two thermal generating plants in the early stages of planning. The Fording plant near Elkford would be about 100 MW and would use thermal coal. The larger (600 MW) Westar plant near Sparwood would utilize a large stockpile of coal waste. Both are subject to confirmation of export markets as well as regulatory approvals. Earliest in-service date would be late 1994-early 1995<br><br>Status: Proposed Start 1990?<br>Finish 1994-95? | 700-800 |
| " | near Elkford | Greenhills Coal Project - Falcon Pit Expansion Westar Mining Ltd.<br>The Greenhills coal mine is located 8 km northeast of the Village of Elkford. The proposed expansion involves the recovery of 1.9 Mt of coal spanning a 3 year period from 1987-1990. As the project will involve pit and dump development on the west facing side of the Greenhills Range within view of the Village of Elkford, there has been considerable community opposition. The Stage I report reviewed and approved in principle, June 1987.<br><br>Status: Under construction Start 1987<br>Finish 1988 | 22 |

| REGION | LOCATION | DESCRIPTION | ESTIMATED COST ($ MILLIONS) |
|---|---|---|---|
| 4. Kootenay | near Elkford | Kilmarnock Valley Extension Coal Project, Fording Coal<br>Coal mining project involving the transfer of existing manpower and equipment from current operating areas to the Kilmarnock Valley extension of the Eagle Mountain area. Production will be 1.5 million tonnes over 2.5 years. Approval in principle March 1986.<br><br>Status: Construction on hold Re-Start 1991?<br>Finish ? | N/A |
| " | Grand Forks | Insulation Plant Expansion, Bradford Enercon Inc.<br>The expanded plant will produce a variety of rock-wool insulation for high temperature applications. Will create about 100 new direct jobs by 1992.<br><br>Status: Under construction Start 1987<br>Finish October 1988 | 15 |
| " | Grand Forks | Plant Expansion, Can Par Industries Ltd.<br>Particleboard expansion to increase annual capacity from 38 million sq. ft. to 90 million. 50 permanent jobs.<br><br>Status: Under Construction Start July 1987<br>Finish June 1988 | 9.4 |
| " | Trail | Lead Smelter Expansion, Cominco Ltd.<br>A major modernization and expansion program began in late August 1986 to enhance the competitive position of Cominco's Trail lead smelter. This is the final project in a larger undertaking involving the zinc smelter and the Sullivan mine at Kimberley. Stage one will cost $171 million and include a flash smelting furnace, oxygen plant, concentrate dryer and gas handling system. Stage two, costing about $89 million, will consist of rebuilding the slag fuming furnaces and new coal grinding and drying facilities.<br><br>Status: Under construction Phase I Start 1986<br>Finish 1989<br><br>Phase II Start 1990<br>Finish 1991 | 260 |

| REGION | LOCATION | DESCRIPTION | ESTIMATED COST ($ MILLIONS) |
|---|---|---|---|
| 5. Cariboo | Prince George | Prince George Airport Radar<br>One of 6 airport radar installation scheduled for construction in the period 1986-1992 at a total cost of $68.2 million. Engineering and design by Lea Associates (underway).<br><br>Status: Proposed Start 1990 Finish 1992 | 13.1 |
| " | Prince George | Prince George Civic Centre<br>Model and design report for a multi-purpose centre to consist of an art gallery, convention facility and theatre has been presented to city council. Project must go to public referendum after other funding commitments received. Architects: Arthur Erickson, and Tom West Arch. Consulting Engineering Structural: Bush Bohlman & Partners.<br><br>Status: Proposed Start 1989 Finish 1990 | 23 |
| " | BCR Mainline | Rail Replacement, BCR<br>Project involves replacement of existing rail with 115 lb continuous welded rail from mile 264 to mile 350. Part of a larger project to replace all rail from North Vancouver to Prince George by 1996 for $81 million.<br><br>Status: Proposed Start 1988 Finish 1988 | 27.9 |
| " | Quesnel | Pulp Mill Expansion, Cariboo Pulp and Paper Co.<br>Scheduled for 1989 completion, the project will increase annual capacity by 55,000 tonnes.<br><br>Status: Under Construction Start 1988 Finish 1989 | 60 |
| " | Mackenzie | Newsprint Mill, Finlay Forest Industries Ltd.<br>The first newsprint machine in the province's Interior will require one million person hours of construction labour. 90 permanent jobs at completion in spring 1989. 600 tonnes per day capacity. Construction management by H.A. Simons Ltd. Cost figure includes some sawmill upgrading.<br><br>Status: Under construction Start 1987 Finish March 1989 | 212 |

| REGION | LOCATION | DESCRIPTION | ESTIMATED COST ($ MILLIONS) |
|---|---|---|---|
| 5. Cariboo | Quesnel | Lumber-Plywood Mill Upgrading, Weldwood of Canada Ltd. Company is undertaking a two-year upgrading program of sawmill and plywood operations.<br><br>Status: Under construction Start 1987<br>Finish 1988 | 29 |
| " | Quesnel | Pulp Mill Expansion, Quesnel River Pulp Co. Ltd. Addition of a 250 tonne-per-day bleached thermomechanical (TMP) pulp line which will raise mill capacity by 50 percent. The project will provide 200 construction jobs and 25 new full-time positions when completed.<br><br>Status: Under construction Start 1987<br>Finish Fall 1988 | 80 |
| " | Quesnel | Hospital Expansion, G.R. Baker Memorial Hospital Development includes a 3 storey, 48 bed acute care wing with new emergency, operating room, lab, physiotherapy and x-ray facilities. It includes renovations to existing extended care and acute care wings. Architect: Thompson Berwick Pratt Partners.<br><br>Status: Under construction Start September 1986<br>Finish late 1988 | 15.5 |
| 6. North Coast | N.W. of Stewart | Sulphurets Gold/Silver Project, Newhawk Gold Mines Ltd. Proposed underground mine, located 56 km northwest of Stewart. Planned mine production rate is 500 tons per day which would give a mine life of 7 years based on current reserves. The workforce will be between 50 and 60, housed in Stewart, Terrace or Smithers. Present access to the property is by helicopter. Access by a new resource road will be studied. Project prospectus reviewed, Stage I report required.<br><br>Status: Proposed Start 1988<br>Finish 1989 | N/A |
| " | Prince Rupert | Port Expansion, Prince Rupert Port Corporation Consulting Engineer: Sandwell Swan Wooster Inc. Expansion of Fairview Terminal by 5.5 ha is proposed, primarily to handle forest products and add a deep sea berth. Tender calls expected by September for October start.<br><br>Status: Proposed Start 1988<br>Finish 1989 | 38 |

| REGION | LOCATION | DESCRIPTION | ESTIMATED COST ($ MILLIONS) |
|---|---|---|---|
| 6. North Coast | Terrace-Pr. Rupert | Skeena-Rupert Transmission Line, B.C. Hydro<br>500 kv. transmission line from Terrace to Prince Rupert, 126 km. Centre line survey of route was completed in early 1985. Project is intended to provide security of supply needed for proposed industrial expansion, and residential/commercial growth in Prince Rupert area. 200 person years in construction phase.<br><br>Status: Proposed (on hold) Start 1987<br>Finish 1993 | 159 inflated |
| " | Princess Royal Island | Surf Inlet Gold/Silver/Copper Project, Surf Inlet Mines Ltd.<br>Proposal to re-develop the old Surf Inlet property on Princess Royal Island, 160 km south of Prince Rupert. The mine would produce 300 tonnes per day of ore with a mine life of 3 to 10 years. Stage I report currently in preparation. Operations workforce of 70-80, housed in Prince Rupert.<br><br>Status: Proposed (on hold) Start ?<br>Finish ? | N/A |
| " | Banks Island | Yellow Giant Gold/Silver Project, Trader Resource Corp.<br>Proposed combined surface and underground mine onBanks Island, 112 km south of Prince Rupert producing 200 tonnes per day of ore with a mine life of 3 years. Project prospectus reviewed, Stage I report required. Operations workforce of 80, housed in Prince Rupert.<br><br>Status: Proposed (on hold) Start (?)<br>Finish (?) | N/A |
| " | N.W. of Stewart | SNIP Gold Project, Cominco Ltd./Delaware Resources Corp.<br>Proposed underground mine located on the south side of the Iskut Valley, 100 km northwest of Stewart. A daily mill throughput of 500 tons is proposed which, based on existing reserves, will yield a minimum mine life of 7 years. A workforce of 125 is estimated, residing in Smithers, Terrace, Stewart and Dease Lake and initially, at least, commuting to the mine by aircraft. Project prospectus under review.<br><br>Status: Proposed Start Fall 1988<br>Finish Summer 1989 | 25 |
| " | Stewart | Aiyansh - Stewart Transmission Line, B.C. Hydro<br>138 KV line to link Stewart to the provincial grid.<br><br>Status: Proposed Start spring 1988<br>Finish fall 1989 | 19 |

| REGION | LOCATION | DESCRIPTION | ESTIMATED COST ($ MILLIONS) |
|---|---|---|---|
| 6. North Coast | Kemano | Kemano Completion Project, Alcan Aluminum Ltd. Expansion of power plant; proposal originally included diversion of the Nanika River into Nechako Reservoir but Alcan's rights to this water have now been given up and project scaled down. Power would be required for previously proposed new aluminum smelters but would be available to other industry until needed. Agreement ends legal dispute over minimum water levels in the Nechako River.<br><br>Status: Proposed (on hold) Start ?<br>Finish ? | N/A |
| " | near Port Clements QCI | Cinola Gold Project, City Resources Canada Open-pit gold mine proposal, reactivated following capital infusion and change of controlling interest. Feasibility study expected to be completed with Stage II report planned for April 1988. Initial production at 6,600 tpd suggested. Direct employment of about 190 workers over 12 year mine life.<br><br>Status: Proposed Start late 1988<br>Finish 1990 | 110 |
| " | Kitimat | Pulpmill Expansion, Eurocan Pulp & Paper Co. Expansion of linerboard capacity to 372,000 tonnes from the current 260,000 tonnes per year.<br><br>Status: Under Construction Start 1988<br>Finish 1989/90 | 125 |
| " | near Stewart | Premier Gold Project, Westmin Resources Ltd. Open-pit and underground gold-silver mine, 15 km north of Stewart to employ 160. 2,000 tonne-per-day milling operation will process ore from Silbak Premier and Big Missouri properties. Approval in principle granted but Stage II report required for tailings pond; now in review. Mine-life of 10.5 years indicated.<br><br>Status: Under construction Start 1987<br>Finish early 1989 | 80 |
| " | N.W. of Stewart | Johnny Mountain Gold Project (REG Gold), Skyline Explorations Ltd.<br>A predominantly gold prospect to be developed as a surface and underground project. Mill capacity 450 tpd to operate initially at 200 tons per day. Will require a direct workforce of 75, to be flown in from Highway 16 centres. Stage I approval in principle granted but Stage II report required for tailings pond. Production scheduled for mid-May.<br><br>Status: Under construction Start 1987<br>Finish 1988 | 23.5 |

| REGION | LOCATION | DESCRIPTION | ESTIMATED COST ($ MILLIONS) |
|---|---|---|---|
| 6. North Coast | Terrace | Sawmill, Skeena Cellulose Inc.<br>As part of the Prince Rupert pulpmill upgrading and expansion, the company is building a new sawmill at Terrace to replace an outdated plant. Production will be 150 million bd. ft. per year. Project Manager: Isotani Engineering Ltd., Prince George.<br><br>Status: Under construction Start mid 1987<br>Finish 1988 | 24 |
| " | Prince Rupert | Pulp Mill Upgrading, Skeena Cellulose Inc.<br>Sale of Westar Timber's Skeena Pulp Operations and related operations to Repap Enterprises has resulted in a major program to reduce production costs, improve efficiency and improve the long term competitiveness of the mill. Production capacity will increase from 1,150 to 1,350 tonnes per day. Consulting Engineers Hipp Engineering Ltd. and H. A. Simons International.<br><br>Status: Under construction Start 1987<br>Finish late 1988 | 65 |
| 7. Nechako | near Smithers | Dome Mountain Gold Project, Teeshin Resources Ltd.<br>A gold and silver prospect to be developed as an underground project. With current reserves and a milling rate of 300 tons per day, the mine life is estimated at 5 years. Operations workforce of 78-86, housed in Smithers, Houston and Telkwa. Project prospectus has been reviewed. Stage I report is required.<br><br>Status: Proposed Start 1988<br>Finish 1988 | N/A |
| " | Pr. George-Telkwa | Williston - Glenannan - Telkwa Transmission Line<br>B.C. Hydro<br>2nd 500 kV line from Prince George to Telkwa to service industrial development in and district loads in N.W. Studies in progress. Timing will be determined by demand growth. Originally planned in-service for 1991. Glennanan-Telkwa, 133 km, Section (b) originally planned for 1999. 350 person years in construction phase.<br><br>Status: Proposed Start ?<br>Finish ? | (a) 100<br>(b) ? |

| REGION | LOCATION | DESCRIPTION | ESTIMATED COST ($ MILLIONS) |
|---|---|---|---|
| 7. Nechako | Vanderhoof | Aluminum Smelter, Alcan Aluminum Company of Canada proposed construction of 170,000-200,000 tonnes per year smelter near Vanderhoof. Construction would create 3,650 person years of employment and a staff of 750 would be required to operate the plant. In late 1984 the project was placed on hold for an indefinite period because of weakening markets for aluminum. (See Region 6 for power plant details.)<br><br>Status: Proposed (on hold) Start ?<br>Finish ? | 1,000 ($1983) |
| " | Telkwa | Telkwa Coal Mine, Crows Nest Resources Ltd./Shell Canada Ltd.<br>An open pit coal mine 10 km southwest of Telkwa to produce 1,000,000 tonnes per year of thermal coal. Stage II Approval in Principle received November 1986. Will create 280 new jobs; 250 person years in construction phase. Current plans are to begin with small scale production, based on local markets.<br><br>Status: Proposed (on hold) Start ?<br>Finish ? | 100 |
| " | Houston | Silver Queen Gold/Silver Project, Houston Metals Corporation<br>Proposed underground mine, located near Houston. The deposit contains gold, silver, copper, lead, zinc, gallium, germanium, and indium. Planned mine production rate is 300 tons per day which, based on current reserves, would give a mine life of 10 years. The operations workforce would be 65, housed primarily in Houston and Smithers. Project prospectus reviewed; Stage I report required.<br><br>Status: Proposed Start 1988 (?)<br>Finish 1989 (?) | N/A |
| " | Cassiar | Asbestos Mine, Cassiar Mining Corporation<br>Development of the McDame asbestos deposit, will proceed with a $25 million loan from the Province. The new mine will be ready when the existing mine's reserves are exhausted in early 1991. Conversion to underground mining expected to create 71 new jobs in 5,500 tpd trackless operation.<br><br>Status: Proposed Start ?<br>Finish late 1990 | 39 |

| REGION | LOCATION | DESCRIPTION | ESTIMATED COST ($ MILLIONS) |
|---|---|---|---|
| 7. Nechako | E. of Dease Lake | Kutcho Creek Project, Esso Minerals/Sumac Mines Ltd., Sumitomo Metal Mining, C. Itoh, Marubeni, Sumitomo Corp. Open pit copper/zinc/silver proposal 110 km east of Dease Lake. Esso and Sumac have adjoining mining claims over a single ore body. Preliminary road access study and route selection have been completed. Stage II submission now in review. Preliminary feasibility study underway on a joint venture basis. Will create 330 new jobs in mine and trucking; 650 person years in construction phase (350 peak construction workforce). Currently on hold awaiting higher metal prices.<br><br>Status: Proposed (on hold) Start ?<br>Finish ? | 150 |
| " | S.E. of Dease Lake | Mount Klappan Coal Mine, Gulf Canada Resources Inc. Anthracite coal mine located 150 km inland from Stewart. Stage II report received January 1987, still in review. Ongoing exploration. Trial shipments made in 1985 and 1986. Initial design for 1.5 million tonnes per year production rate which will create 500 new mining jobs plus 220 transportation jobs; 1,400 person years in construction phase. Could expand to 3.5 million per year in subsequent phases. Requires new access road, port and energy supply systems.<br><br>Status: Proposed Phase I Start 1988 (?)<br>Phase I Finish 1990 (?) | 400+<br>(mine 250)<br>(road 100)<br>(power 50)<br>(port ?) |
| " | Pr. George-Pr. Rupert | Prince George to Prince Rupert, CN Rail Upgrading of existing line, purchase of rolling stock and building a locomotive repair shop at Prince George. Construction continues on various bridges and other improvements. (Also crosses Regions 5 and 6). Will create 360 new jobs.<br><br>Status: Under Construction Start 1981<br>Finish 1988 | 650 |
| " | N.W. of Telegraph Creek | Golden Bear Gold/Silver Project, North American Metals B.C. Inc.<br>Surface and underground mine, located approximately 80 km northwest of Telegraph Creek. Milling rate of 360 tonnes of ore per day. About 145 man-years of construction employment. Operations workforce of about 140, housed primarily in the Telegraph Creek-Dease Lake area. All-weather road access (approx. $11 million) needed; mutually acceptable route identified. Both mine and road have received approval-in-principle.<br><br>Status: Under Construction Start 1988<br>Finish 1989 | 36 |

| REGION | LOCATION | DESCRIPTION | ESTIMATED COST ($ MILLIONS) |
|---|---|---|---|
| 8. Peace River | Toodoggone River Area | Al Gold Project, Energex Metals Ltd. Gold and limited silver prospect, near the Lawyers development, to be developed as an open-pit mine at a mill rate of 100-200 tonnes per day. Mine life of 6-8 years. Operations workforce of 50. Stage I submission received late 1987; in review. Mine construction startup date will be determined in part by completion of road access to Lawyers project. Road extension (24 km) could be under construction by mid 1988.<br><br>Status: Proposed Start 1988<br>Finish 1989 | N/A |
| " | Dawson Creek | Ethanol Plant, Agri Fuels Canada Ltd. Phase one of a possible four phase development to produce ethanol, distillers grain and carbon dioxide. Each phase would require 4 million bushels of grain per year and would have the capacity to produce 47.8 million litres of ethanol. Direct employment would be about 70 for each phase. (Cabinet has given approval in principle and will guarantee $23 million loan plus $10 million loan to local farmers.)<br><br>Status: Proposed Start mid 1987<br>Finish 1988 | 90-100 |
| " | near Chetwynd | CTMP Mill, Louisiana Pacific Panel Products Ltd. Company has been offered deciduous wood to supply a pulp mill of 450 tpd. 110 new direct jobs plus 220 in timber harvesting. Subsequent development intentions include waferboard plants at Chetwynd and Dawson Creek.<br><br>Status: Proposed Start 1988-89<br>Finish (pulpmill) 1990-91 | n/a |
| " | Toodoggone River Area | Lawyers Gold-Silver Mine, Cheni Gold Mines Precious metals property some 300 km north of Smithers, the main base for mine workers who will be flown in on a rotation basis. The company has extended the Omineca road from Fort St. James approximately 100 km to the property (at a cost of $6.5 million). Mill to have a capacity of 550 tpd. Road construction close to completion.<br><br>Status: Under construction Start 1987<br>Finish early 1989 | 36-40 |

| REGION | LOCATION | DESCRIPTION | ESTIMATED COST ($ MILLIONS) |
|---|---|---|---|
| 8. Peace | Taylor | Pulp Mill, Fibreco Export Co.<br>A new 180,000 tonnes-per-year BCTMP pulp mill owned by a consortium of Interior sawmills now shipping pulpwood chips to offshore markets. Construction will create 400 person-years of employment, leading to 84 permanent direct jobs. Architect: H.A. Simons International Ltd. (Company has been offered deciduous wood for a second 500 tpd mill that may begin construction in 1990)<br><br>Status: Under construction Start 1987<br>Finish late 1988 | 170 |